

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

GEORGIA STANDARD DRAWINGS - 20' WIDE, STAND ALONE
COMPOST FACILITY (NO FIXED ROOF) CONSTRUCTED WITH
CONCRETE WALLS

1. THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE WITH PRACTICE
CODE 317-COMPOSTING FACILITY.
2. THIS DESIGN IS APPROVED FOR OPERATIONS COMPOSTING ORGANIC MATERIALS.
3. THIS DESIGN IS NOT INTENDED FOR USE WITH STRUCTURES WHERE A
PERMANENTLY AFFIXED ROOF STRUCTURE IS DESIRED OR REQUIRED.
4. CONTAMINATED RUNOFF FROM THE COMPOSTING OPERATION MUST BE DIRECTED
TO AN APPROPRIATE STORAGE OR TREATMENT FACILITY FOR FURTHER
MANAGEMENT; ASSOCIATED PRACTICES MAY INCLUDE PRACTICE CODE 635 -
VEGETATED TREATMENT AREA AND PRACTICE CODE 393 - FILTER STRIP.
5. ANY CHANGES TO THESE DRAWINGS MUST BE APPROVED BY AN ENGINEER
WITH JOB APPROVAL LEVEL IV OR GREATER.

COMPOST FACILITY

COUNTY, GEORGIA

PRE-CONSTRUCTION CERTIFICATION:

THE _____ COMPOST FACILITY WILL BE CONSTRUCTED IN ACCORDANCE
WITH THE FOLLOWING DRAWINGS AND PRACTICE CODE 317. ALL CHANGES WERE APPROVED
BY AN ENGINEER WITH JOB APPROVAL AUTHORITY LEVEL IV OR GREATER.

OWNERDATE

NRCS
REPRESENTATIVE

DATE

ENGINEER
(IF REQUIRED)

DATE

AS-BUILT CERTIFICATION:

THIS PRACTICE HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND MEETS
NRCS STANDARDS AND SPECIFICATIONS.

NRCS
REPRESENTATIVE

DATE

ENGINEER
(IF REQUIRED)

DATE

INDEX TO DRAWINGS:

- SHEET 1 - COVER SHEET
- SHEET 2 - PLAN & ELEVATION VIEWS
- SHEET 3 - DETAILS



Know what's below.
Call before you dig.

THE NATURAL RESOURCES CONSERVATION SERVICE
HELPING PEOPLE HELP THE LAND.

COMPOSTING FACILITY:

JOB CLASS: _____

REVISIONS		
DATE	APPROVED	TITLE
11/2013	D. ROBERTS	ACTING SCE

GEORGIA COMPOSTING FACILITY
NO FIXED ROOF - CONCRETE WALLS
COVER SHEET



File No.
ga-eng-317-c11.pdf

Drawing No.
Cover

11/14/2013
Sheet 1 of 3

Designed
B. Wright

Drawn
B. Wright

Checked
E. Dick

Approved
H. Holloway

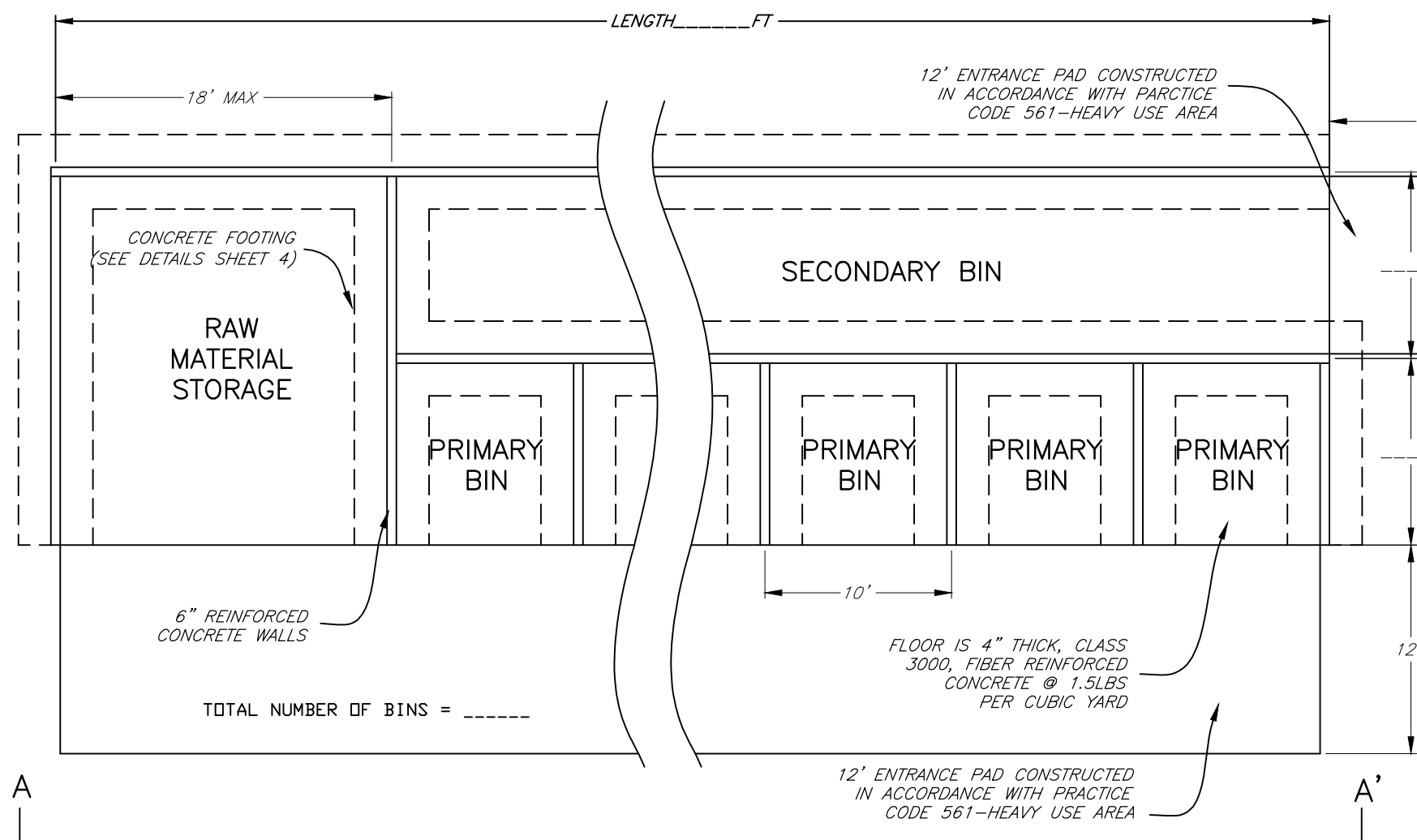
Date
12/12

12/12

01/13

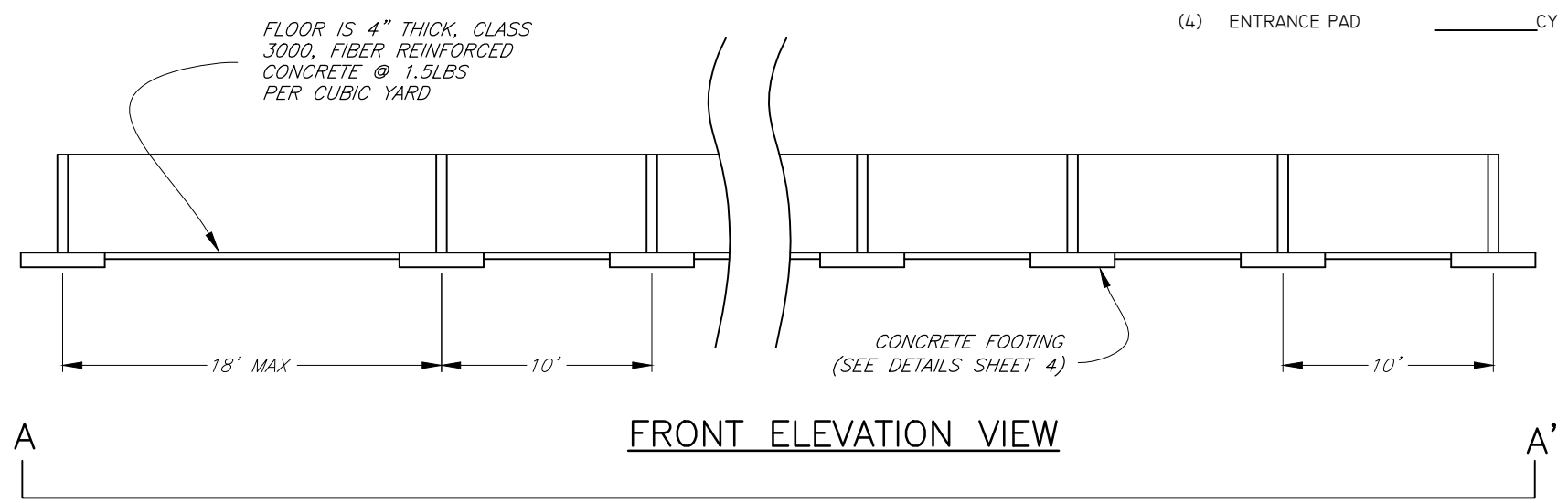
01/13

County, GA

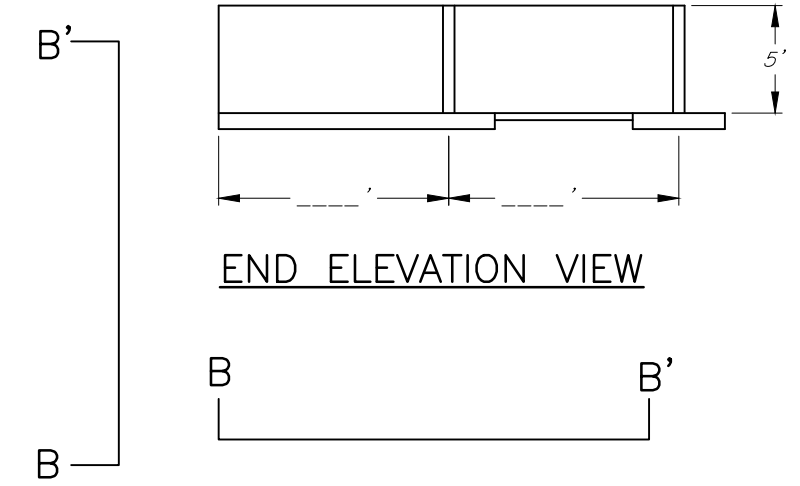


PLAN VIEW

CONCRETE QUANTITY:		
(1) FLOOR	_____	CY
(2) WALLS	_____	CY
(3) FOOTING	_____	CY
(4) ENTRANCE PAD	_____	CY



FRONT ELEVATION VIEW



END ELEVATION VIEW

NOTES:

1. ALL ENTRANCE AREAS SHALL BE STABILIZED USING PRACTICE STANDARD 561 - HEAVY USE AREA.
2. THE BUILDING SITE SHALL BE CLEARED AND GRUBBED AS REQUIRED. PROPER DRAINAGE SHALL BE PROVIDED AROUND THE ENTIRE BUILDING SO THAT RUNOFF WATER DOES NOT ENTER OR POND NEAR BUILDING.
3. CONCRETE FLOORS AND FOOTINGS SHALL BE PLACED ON FIRM SOIL. ALL LOOSE SOIL SHALL BE REMOVED. IF FILL MATERIAL IS USED, PLACE IN 9" THICK LAYERS AND COMPACT WITH SHEEPSFOOT ROLLER OR OTHER EQUIVALENT COMPACTION METHOD.
4. ALL NAILS, BOLTS AND OTHER CONNECTORS SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE, OR COPPER. NAILS SHALL HAVE SPIRALED OR RINGED (ANNULAR) SHANKS. ALL REFERENCES TO "GALVANIZED" IN THIS SET OF DRAWINGS REFERS TO THE ABOVE LISTED COATINGS.
5. IF DESIRED, WALLS MAY BE CONSTRUCTED OF CMU BLOCK ACCORDING TO BLOCK WALL DRAWING GA-ENG-313-BWI.
6. ON SITE WATER SOURCE IS NECESSARY TO MAINTAIN MOISTURE CONTENT OF COMPOST.
7. ALL DISTURBED AREAS SHALL BE VEGETATED USING PRACTICE CODE 342 - CRITICAL AREA PLANNING.
8. CALL BEFORE YOU DIG: 1-800-282-7411 OR 770-623-4344.

REVISIONS		
DATE	APPROVED	TITLE
11/2013	D. ROBERTS	ACTING SCE

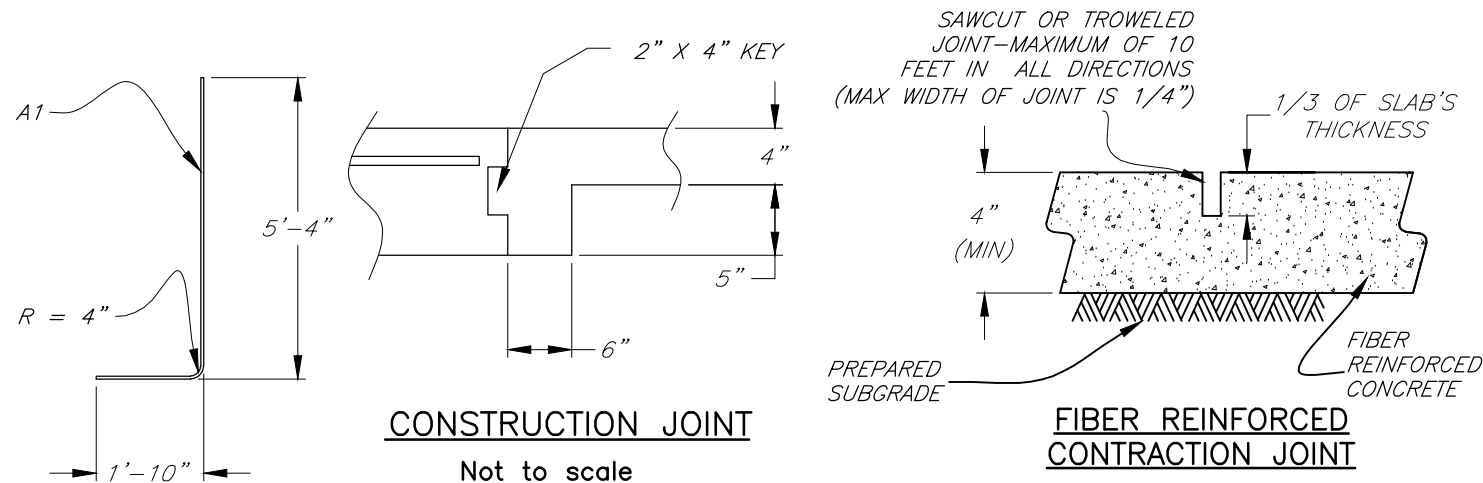
Date	12/12
Designed	B. Wright
Drawn	B. Wright
Checked	E. Dick
Approved	H. Holloway

GEORGIA COMPOSTING FACILITY
NO FIXED ROOF - CONCRETE WALLS
PLAN & ELEVATION VIEWS



File No.
ga-eng-317-c11.pdf

Drawing No.
Plan



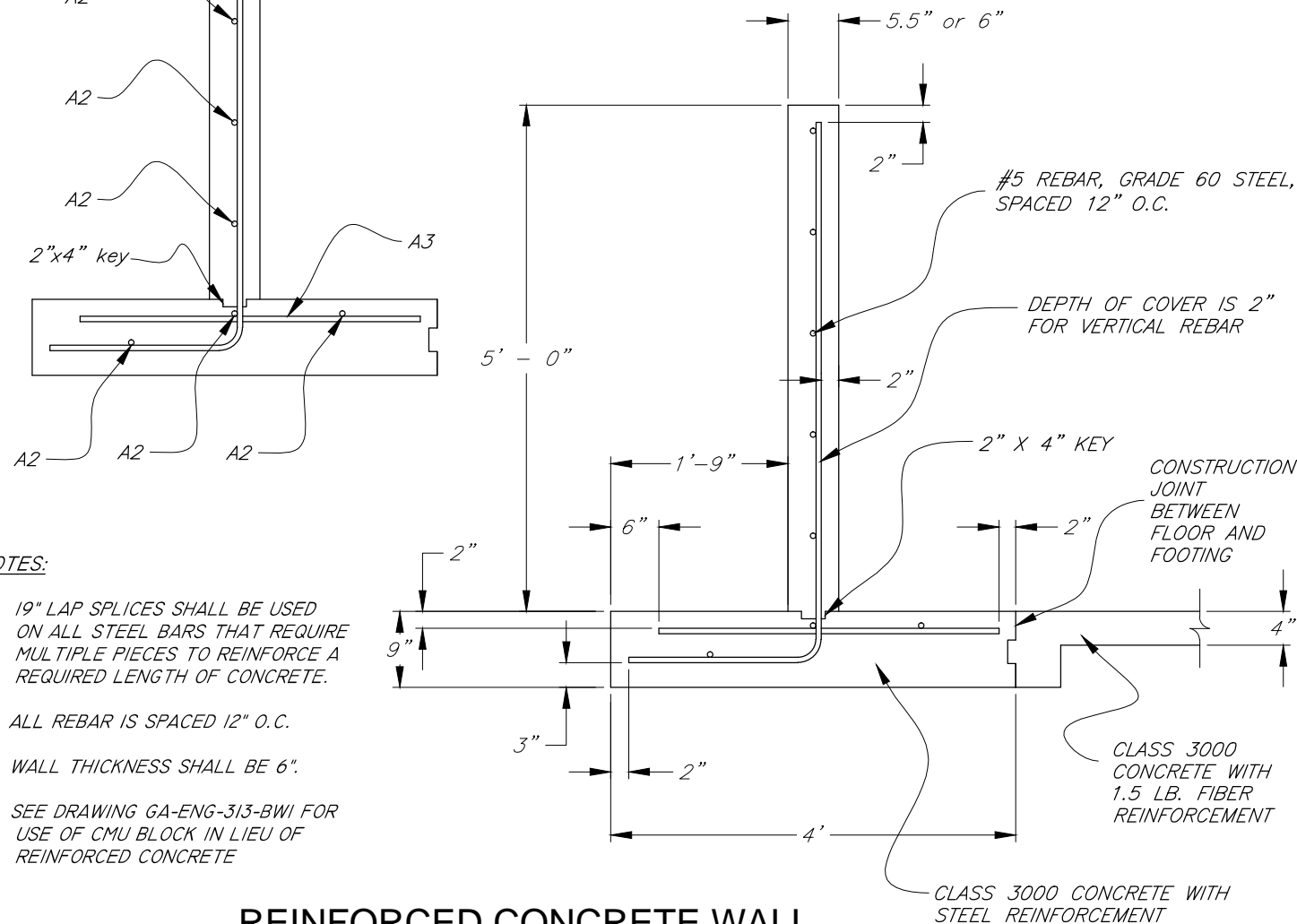
CONCRETE QUANTITY:

0.09 CU. YD. PER LINEAR FOOT OF WALL
0.11 CU. YD. PER LINEAR FOOT OF FOOTING

MARK	SIZE	GRADE	LENGTH	TYPE	QUANTITY REQUIRED*
A1	5	60	7'-0"	BENT	BLDG. LENGTH (FT) x 2 =
A2	5	60	CONTINUOUS	STRAIGHT	BLDG. LENGTH (FT) x 2+1 =
A3	5	60	3'-4"	STRAIGHT	BLDG. LENGTH (FT) x 2 =

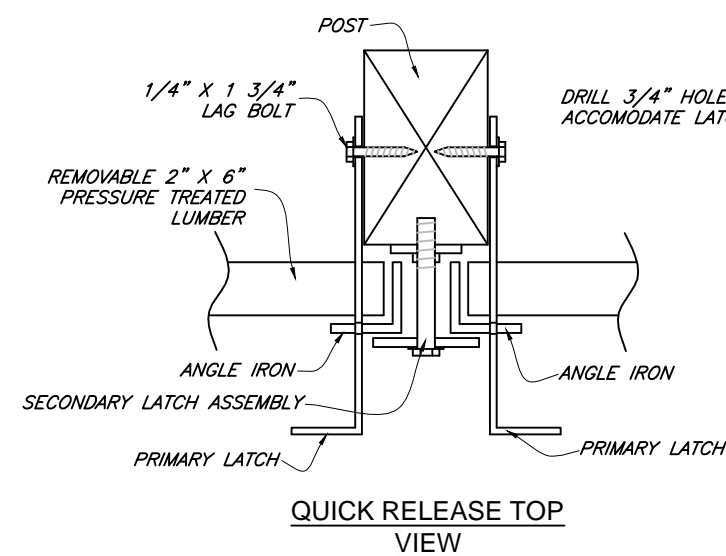
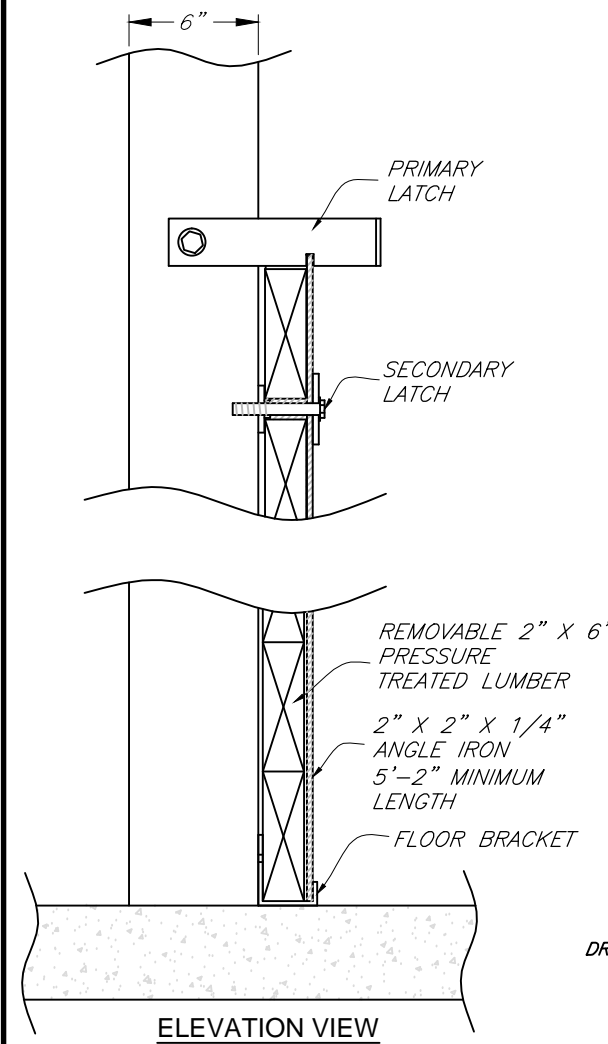
* INCLUDE 19" OVERLAP/SPLICES FOR ALL STEEL BARS NOT LONG ENOUGH TO COVER REQUIRED LENGTHS WITH A SINGLE BAR.

STEEL REINFORCEMENT SCHEDULE

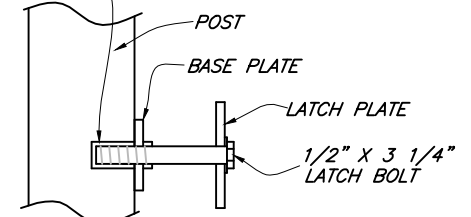


NOTES:

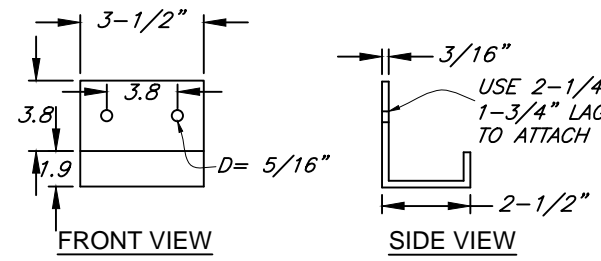
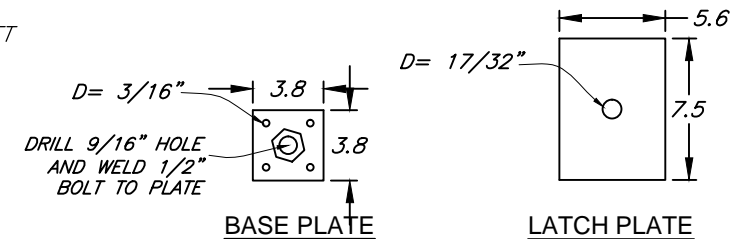
- 19" LAP SPLICES SHALL BE USED ON ALL STEEL BARS THAT REQUIRE MULTIPLE PIECES TO REINFORCE A REQUIRED LENGTH OF CONCRETE.
- ALL REBAR IS SPACED 12" O.C.
- WALL THICKNESS SHALL BE 6".
- SEE DRAWING GA-ENG-313-BWI FOR USE OF CMU BLOCK IN LIEU OF REINFORCED CONCRETE



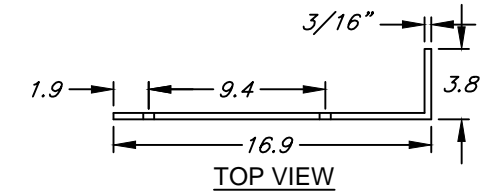
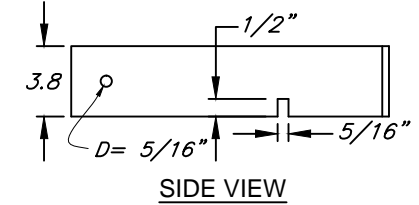
SECONDARY LATCH ASSEMBLY



SECONDARY LATCH COMPONENTS

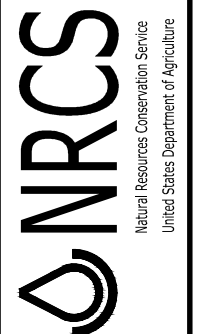


PRIMARY LATCH



Date	12/12
Designed	B. Wright
Drawn	B. Wright
Checked	E. Dick
Approved	H. Holloway

GEORGIA COMPOSTING FACILITY
NO FIXED ROOF - CONCRETE WALLS
DETAILS



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Sheet 3 of 3

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